# BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

BYATARAYANAPURA DIVISION

BYATARAYANAPURA SUB DIVISOIN

**Name of Work: Modified Estimate for Improvements to Roads, Drains and Constructions of Culverts at Amruthahalli and Surrounding areas in Ward No. 09, Amruthahalli.**

| | | |
|---|---|---|
| **Modified Est Cost** | : | 66,71,274.00 |
| **Job Code** | : | 009-23-000013 |
| **P Code** | : | P-3726 |

BRUHAT BENGALURU MAHANAGARA PALIKE

YELAHANKA ZONE

NAME OF WORK: Modified Estimate for Improvements to Roads, Drains and Constructions of Culverts at Amruthahalli and Surrounding areas in Ward No. 09, Amruthahalli.

Job no:-009-23-000013 | Est .Cost Rs. | 75.00 | Lakhs

| Sl No | Description of Items | Unit | No | L (M) | B (M) | D (M) | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **Earth work Excavation by manual means for drains,canals, waste weir, drsft, approach ' channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical :specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, i excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work. (PWD SR 2021-22 Vol -1 Pg No 5 item no ,1.4.1)** | | | | | | | | |
| | **New Drain** | Cum | | | | | | | |
| | In Amruthalli Surrounding Areas | | 1 | 410.00 | 1.00 | 1.00 | 410.00 | | |
| | Culvert | | 2 | 6.00 | 1.50 | 1.20 | 21.60 | | |
| | **Schedule Qty** | **698.60** | | | | | **431.60** | **214.81** | **92711.00** |
| 2 | **Providing and laying in position Plain ' Cement Concrete Mix 1 :3:6 (M10) for levelling course for all works in foundation. Using 40 mm nominal size graded crushed coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well i . compacted using plate vibrators, including ' all lead & lifts, cost of all materials of ; quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (PWD SR 2021-22 Vol -I Pg 15 item no 2.1 .3)** | | | | | | | | |
| | **New Drain** | Cum | | | | | | | |
| | In Amruthalli Surrounding Areas | | 1 | 410.00 | 0.90 | 0.15 | 55.35 | | |
| | Culvert | | 2 | 6.00 | 1.50 | 0.15 | 2.70 | | |
| | **Schedule Qty** | **97.05** | | | | | **58.05** | **6414.26** | **372347.00** |
| 3 | **Providing and laying in position Rein forced cement concrete for art Sub structures of building, Iirrigation works, Sub structure works of bridges, Drain worlds & other parallel works from 0.50 to 3.50 mtr height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per re levant IS Codes machine mixed with sri per plastic isers, laid in layers, well compacted using need le vibrators, providing weep holes wliei ever necesary, including all lead & lifts, cost of at I inatei ials of q reality, confirming to the i equii einents of i elevant IS codes, labour, usage charges of machinary and alI other appurtenances required to complete the world as per technical specifications. M20 (The cost of steel reinforce intent & fOI'ir work to be paid separately) (PWD SR 202 1 -22 Vol -1 Pg 17 ' item no 2.4.2) )** | | | | | | | | |
| | **New Drain** | Cum | | | | | | | |
| | **Raft** | | | | | | | | |
| | **In Amruthalli Surrounding Areas** | | 1 | 410.00 | 0.90 | 0.15 | 55.35 | | |
| | **For Culvert** | | 2 | 6.00 | 1.50 | 0.15 | 2.70 | | |
| | **Walls** | | | | | | | | |
| | **In Amruthalli Surrounding Areas** | | 2 | 410.00 | 0.15 | 0.60 | 73.80 | | |
| | **For Culvert** | | 4 | 6.00 | 0.30 | 0.60 | 4.32 | | |
| | **Schedule Qty** | **205.28** | | | | | **136.17** | **7237.00** | **985462.00** |
| 4 | **Supply ing, Fitting and P lacing un-coated TMT bar Reinforcement in sub-structui e complete as per Drawing and Technical Specifications. MORTH Specification NO.1600&2200 (PWD SR 2021 -22 Vol -II I** | | | | | | | | |
| | **New Drain** | Ton | | | | | | | |
| | **In Amruthalli Surrounding Areas** | | 1 | 129.15 | 60.00 | | 7749.00 | kg | |
| | | Steel assumed 60kg/Cum of concrete | | | | | **7.75** | ton | |
| | **For Culvert** | | 1 | 7.02 | 80.00 | | 561.60 | kg | |

| | Job no:-009-23-000013 | | | | | | Est .Cost Rs. | 75.00 | Lakhs |
|---|---|---|---|---|---|---|---|---|---|
| Sl No | Description of Items | Unit | No | L (M) | B (M) | D (M) | Qty | Rate | Amount |
| | | Steel assumed 80kg/Cum of concrete | | | | | 0.56 | ton | |
| | Schedule Qty | 12.44 | | | | | 8.31 | 106446.21 | 884631.87 |
| 5 | Providing and laying in position Rein forced cement concrete for art Sub structures of building, Iirrigation works, Sub structure works of bridges, Drain worlds & other parallel works from 0.50 to 3.50 mtr height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per re levant IS Codes machine mixed with sri per plastic isers, laid in layers, well compacted using need le vibrators, providing weep holes wliei ever necesary, including all lead & lifts, cost of at I inatei ials of q reality, confirming to the i equii einents of i elevant IS codes, labour, usage charges of machinary and all other appurtenances required to complete the world as per technical specifications. Mix 1:2:4 M15 (PWD SR 202 1 -22 Vol -1 Pg 17 ' item no 2.4.1) ) | | | | | | | | |
| | For Culvert Ramp | Cum | 2*2 | 6.00 | 0.75 | 0.15 | 2.70 | | |
| | Schedule Qty | 3.60 | | | | | 2.70 | 6790.75 | 18335.00 |
| 6 | Providing and fixing pre cast covering slab made out of CC 1:2:4 with 10cm thick and finishing cutting including form work, curing , including cost of all materials , labour,hire charges of machinery,loading unloading lead and lift ,transportation etc complete .(Data Rate) | | | | | | | | |
| | In Amruthalli Surrounding Areas | Sqm | 1 | 410.00 | 0.75 | | 307.50 | | |
| | Missing Slabs | | 1 | 26.00 | 0.90 | | 23.40 | | |
| | | | 1 | 27.00 | 0.90 | | 24.30 | | |
| | Schedule Qty | 463.50 | | | | | 355.20 | 2453.62 | 871525.82 |
| 7 | Providing and fixing pre cast covering slab 250mm thick made out of CC 1:2:4and jelly 25 mm Down size with steel reinforcement including form work, curing , including cost of all materials , labour,hire charges of machinery,loading unloading lead and lift ,transportation etc complete. As per engineer incharge.(Data Rate) | | | | | | | | |
| | Culvert slabs | Sqm | 2 | 6.00 | 1.20 | | 14.40 | | |
| | Schedule Qty | 12.00 | | | | | 14.40 | | |
| | Qty upto 125% | | | | | | 14.40 | 5688.36 | 81912.38 |
| 8 | Providing ,laying , spreading and compacting graded stone aggregates to wet mix Macadam specification including premixing the materials with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site ,laying in uniform layers with pavers/grader in sub -base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density MORTH specification No.406(Pwd SR 21-22 VolII Pg no 24 Item No.4.27(A)) | | | | | | | | |
| | Thalakaveri layout | Cum | | | | | | | |
| | 2nd B Cross | | 1 | 115.50 | 6.90 | 0.15 | 119.54 | | |
| | 2nd C Cross | | 1 | 116.80 | 7.60 | 0.15 | 133.15 | | |
| | Near Reliance Smart Point | | | | | | | | |
| | 2nd Cross near | | 1 | 98.30 | 5.20 | 0.15 | 76.67 | | |
| | Hoodi layout | | | | | | | | |
| | 1st Cross | | 1 | 70.70 | 5.20 | 0.15 | 55.15 | | |
| | 2nd Cross | | 1 | 71.30 | 5.20 | 0.15 | 55.61 | | |
| | 3rd cross | | 1 | 71.10 | 4.10 | 0.15 | 43.73 | | |
| | 4th Cross | | 1 | 72.50 | 3.70 | 0.15 | 40.24 | | |
| | | | | Consider 24 % for damaged Portion | | | 524.09 | | |
| | | | | | | | 125.78 | | |
| | Schedule Qty | 117.72 | | | | | 125.78 | | |
| | Qty upto 125% | | | | | | 125.78 | 2764.81 | 347763.88 |
| | Qty above 125% (No Change in SR Rate) | | | | | | | | |
| 9 | Providing and applying primer coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90 kg per m2 using mechanical means.Morth Specification No.502 PWD SR 21-22 (P.No.29 It.No.5.1A(i), PWD SR 2021-22 (Vol-III)) | | | | | | | | |
| | Prime Coat | Sqm | | | | | | | |
| | Thalakaveri layout | | | | | | | | |

| | Job no:-009-23-000013 | | | | | Est .Cost Rs. | 75.00 Lakhs | |
|---|---|---|---|---|---|---|---|---|
| Sl No | Description of Items | Unit | No | L (M) | B (M) | D (M) | Qty | Rate | Amount |
| | **2nd B Cross** | | 1 | 115.50 | 6.90 | | 796.95 | | |
| | **2nd C Cross** | | 1 | 116.80 | 7.60 | | 887.68 | | |
| | **Near Reliance Smart Point** | | | | | | | | |
| | **2nd Cross near** | | 1 | 98.30 | 5.20 | | 511.16 | | |
| | **Hoodi layout** | | | | | | | | |
| | **1st Cross** | | 1 | 70.70 | 5.20 | | 367.64 | | |
| | **2nd Cross** | | 1 | 71.30 | 5.20 | | 370.76 | | |
| | **3rd cross** | | 1 | 71.10 | 4.10 | | 291.51 | | |
| | **4th Cross** | | 1 | 72.50 | 3.70 | | 268.25 | | |
| | | | | Consider 24 % for damaged Portion | | | **3493.95** | | |
| | | | | | | | 838.55 | | |
| | **Schedule Qty** | **588.60** | | | | | **838.55** | | |
| | Qty upto 125% | | | | | | **735.75** | **48.51** | **35691.23** |
| | Qty above 125% (No Change in SR Rate) | | | | | | **102.80** | **48.51** | **4986.73** |
| **10** | **Providing and laying Dense Graded Bituminous Macadam** with 40/60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 505 complete in all respects (Pg:33, It.No-5.12 C PWD SR:2021-22 (Vol-III)) | | | | | | | | |
| | **Dense Graded Bituminous Mecadam (DBM)** | Cum | | | | | | | |
| | **Thalakaveri layout** | | | | | | | | |
| | **2nd B Cross** | | 1 | 115.50 | 6.90 | 0.05 | 39.85 | | |
| | **2nd C Cross** | | 1 | 116.80 | 7.60 | 0.05 | 44.38 | | |
| | **Near Reliance Smart Point** | | | | | | | | |
| | **2nd Cross near** | | 1 | 98.30 | 5.20 | 0.05 | 25.56 | | |
| | **Hoodi layout** | | | | | | | | |
| | **1st Cross** | | 1 | 70.70 | 5.20 | 0.05 | 18.38 | | |
| | **2nd Cross** | | 1 | 71.30 | 5.20 | 0.05 | 18.54 | | |
| | **3rd cross** | | 1 | 71.10 | 4.10 | 0.05 | 14.58 | | |
| | **4th Cross** | | 1 | 72.50 | 3.70 | 0.05 | 13.41 | | |
| | | | | Consider 24 % for damaged Portion | | | **174.70** | | |
| | | | | | | | 41.93 | | |
| | **Schedule Qty** | **29.43** | | | | | **41.93** | | |
| | Qty upto 125% | | | | | | **36.79** | **10554.54** | **388275.14** |
| | Qty above 125% (No Change in SR Rate) | | | | | | **5.14** | **10554.54** | **54249.28** |
| **11** | **Providing and applying tack coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.25 kg/m2 on the prepared bituminous surface cleaned with mechanical broom MORTH Specifiction No. 503 (P.No.29 It.No.5.3, PWD SR 2021-22 (Vol-III))** | | | | | | | | |
| | **Tack coat** | Sqm | | | | | | | |
| | **Thalakaveri layout** | | | | | | | | |
| | **2nd B Cross** | | 1 | 115.50 | 6.90 | | 796.95 | | |
| | **2nd C Cross** | | 1 | 116.80 | 7.60 | | 887.68 | | |
| | **Near Reliance Smart Point** | | | | | | | | |
| | **2nd Cross near** | | 1 | 98.30 | 5.20 | | 511.16 | | |
| | **Hoodi layout** | | | | | | | | |
| | **1st Cross** | | 1 | 70.70 | 5.20 | | 367.64 | | |
| | **2nd Cross** | | 1 | 71.30 | 5.20 | | 370.76 | | |
| | **3rd cross** | | 1 | 71.10 | 4.10 | | 291.51 | | |
| | **4th Cross** | | 1 | 72.50 | 3.70 | | 268.25 | | |
| | **Schedule Qty** | **1,962.00** | | | | | **3493.95** | | |
| | Qty upto 125% | | | | | | **2452.50** | **16.17** | **39656.93** |
| | Qty above 125% (No Change in SR Rate) | | | | | | **1041.45** | **16.17** | **16840.25** |

| | Job no:-009-23-000013 | | | | | Est .Cost Rs. | 75.00 | Lakhs |
|---|---|---|---|---|---|---|---|---|
| Sl No | Description of Items | Unit | No | L (M) | B (M) | D (M) | Qty | Rate | Amount |
| 12 | **Providing and laying Bituminous Concrete with 40/60 TPH capacity hot mix plant using Crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 5.4 per cent of mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respec (Pg:36, It.No-5.16 C PWD SR:2021-22 (Vol-III))** | | | | | | | | |
| | **Bituminous Concrete (BC)** | Cum | | | | | | | |
| | **Thalakaveri layout** | | | | | | | | |
| | **2nd B Cross** | | 1 | 115.50 | 6.90 | 0.04 | 31.88 | | |
| | **2nd C Cross** | | 1 | 116.80 | 7.60 | 0.04 | 35.51 | | |
| | **Near Reliance Smart Point** | | | | | | | | |
| | **2nd Cross near** | | 1 | 98.30 | 5.20 | 0.04 | 20.45 | | |
| | **Hoodi layout** | | | | | | | | |
| | **1st Cross** | | 1 | 70.70 | 5.20 | 0.04 | 14.71 | | |
| | **2nd Cross** | | 1 | 71.30 | 5.20 | 0.04 | 14.83 | | |
| | **3rd cross** | | 1 | 71.10 | 4.10 | 0.04 | 11.66 | | |
| | **4th Cross** | | 1 | 72.50 | 3.70 | 0.04 | 10.73 | | |
| | Schedule Qty | **78.48** | | | | | **139.76** | | |
| | Qty upto 125% | | | | | | **98.10** | **12254.54** | **1202170.37** |
| | Qty above 125% (No Change in SR Rate) | | | | | | **41.66** | **12254.54** | **510499.63** |
| 13 | **Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 g/ m2 area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35:2015.The finished surface to be level, uniform and free from streaks and holes. Page No. 57/ Item No. 8.15 PWD SR 2021-22 (Vol-III).** | | | | | | | | |
| | **Road Marking** | Sqm | | | | | | | |
| | **2nd B Cross** | | 2 | 115.50 | 0.10 | | 23.10 | | |
| | **2nd C Cross** | | 2 | 116.80 | 0.10 | | 23.36 | | |
| | **Near Reliance Smart Point** | | | | | | | | |
| | **2nd Cross near** | | 2 | 98.30 | 0.10 | | 19.66 | | |
| | **Hoodi layout** | | | | | | | | |
| | **1st Cross** | | 2 | 70.70 | 0.10 | | 14.14 | | |
| | **2nd Cross** | | 2 | 71.30 | 0.10 | | 14.26 | | |
| | **3rd cross** | | 2 | 71.10 | 0.10 | | 14.22 | | |
| | **4th Cross** | | 2 | 72.50 | 0.10 | | 14.50 | | |
| | **Schedule Qty** | **87.20** | | | | | **123.24** | | |
| | Qty upto 125% | | | | | | **109.00** | **552.04** | **60172.36** |
| | Qty above 125% (No Change in SR Rate) | | | | | | **14.24** | **552.04** | **7861.05** |
| 14 | **Loading and unloading of stone Boulder/stone aggreagtes/sand/kankar/ morrums.(Tippers 14m3)(PWD SR 20121-22 Vol -III pg no 3 item no.1.1 C)** | | | | | | | | |
| | | Cum | | | | | | | |
| | **Item No .1** | | | | | | **431.60** | | |
| | **EIRL Item No. 1** | | | | | | 212.01 | | |
| | | | | | | | | | |
| | **Schedule Qty** | **632.23** | | | | | **643.61** | | |
| | Qty upto 125% | | | | | | **643.61** | **85.46** | **55003.00** |
| 15 | **Cost of Haulage Excluding Loading and Unloading Taking output 18 t load and lead 10 km = 180 t.km (Vol-III ) Page No.3, Item No.1.4B of PWD SR 2021-22** | | | | | | | | |
| | **Cost of Haulage** | T.km | | | | | | | |
| | Qty Vide Fromn item -11 | | | | | | 643.61 | | |
| | Density of sand /debries i.e 1.28 tonne/cum | | | 643.61 | 1.28 | | 823.82 | | |
| | Cost of haulage Excluding loading and unloading on surface road to a distance of 9.80 km s | | | 823.82 | 9.80 | | 8073.47 | | |
| | | | | | | | | | |
| | **Schedule Qty** | **7,930.73** | | | | | **8073.47** | | |
| | Qty upto 125% | | | | | | **8073.47** | **12.60** | **101725.00** |

| | Job no:-009-23-000013 | | | | | Est .Cost Rs. | 75.00 | Lakhs |
|---|---|---|---|---|---|---|---|---|
| Sl No | Description of Items | Unit | No | L (M) | B (M) | D (M) | Qty | Rate | Amount |
| Eirl-1 | **Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work ((V-I, P.No-8, I No-1.12 of PWD SR 2021-22)** | | | | | | | | |
| | **Thalakaveri layout** | Cum | | | | | | | |
| | **2nd B Cross** | | 1 | 115.5 | 6.9 | 0.15 | 119.54 | | |
| | **2nd C Cross** | | 1 | 116.8 | 7.6 | 0.15 | 133.15 | | |
| | **Near Reliance Smart Point** | | | | | | | | |
| | **2nd Cross near** | | 1 | 98.3 | 5.2 | 0.15 | 76.67 | | |
| | **Hoodi layout** | | | | | | | | |
| | **1st Cross** | | 1 | 70.7 | 5.2 | 0.15 | 55.15 | | |
| | **2nd Cross** | | 1 | 71.3 | 5.2 | 0.15 | 55.61 | | |
| | **3rd cross** | | 1 | 71.1 | 4.1 | 0.15 | 43.73 | | |
| | **4th Cross** | | 1 | 72.5 | 3.7 | 0.15 | 40.24 | | |
| | | | Consider 24 % for damaged Portion | | | | 524.09 | | |
| | | | | | | | **157.23** | | |
| | **For CC road** | | 1 | 33.80 | 3.40 | 0.20 | 22.98 | | |
| | | | 1 | 30.00 | 5.30 | 0.20 | 31.80 | | |
| | | | | | | | **212.01** | **75.07** | **15915.00** |
| | Basic Rate | 65.00 | | | | | | | |
| | Area Weightage @ 10% | 6.50 | | | | | | | |
| | Total | **71.50** | | | | | | | |
| | ADD TP 4.99% Above | **3.57** | | | | | | | |
| | | **75.07** | | | | | | | |
| Eirl-2 | **Construction of dry lean Cement concrete Sub- base over a prepared sub grade with coarse and fine aggregates confirming to IS :383, the size of coarse aggregates not exceeding 25mm, aggregates cement ratio not to exceed 15:1 agregates gradation aftr blending to be as per table 600-1 cement content not be less than 150kg/m3 optimum moisture contnt to be detrmined during trail length construction concrete strength not to be less than 10Mpa at 7 days mixed in a batching plant transported to site laid with a paver with electronic sensor compacting with 8-10t vibratory roller finishing and curing (vol III item no 6.1 pg no. 43)** | | | | | | | | |
| | 01:05:10 | | 1 | 33.80 | 3.40 | 0.15 | 17.24 | | |
| | | | 1 | 30.00 | 5.30 | 0.15 | 23.85 | | |
| | | | | | | | **41.09** | **4845.92** | **199109.10** |
| | Basic Rate | 4196.00 | | | | | | | |
| | Area Weightage @ 10% | 419.60 | | | | | | | |
| | Total | **4615.60** | | | | | | | |
| | ADD TP 4.99% Above | **230.32** | | | | | | | |
| | | **4845.92** | | | | | | | |
| Eirl-3 | **Providing and constructing un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 M30 (Grade), coarse and fine aggregates conforming to IS:383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the formwork as per drawing), spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operation including construction joints, , primer, sealant , curing of concrete slabs for 14- days, and water finishing to lines and grade as per drawing and technical specification clause 1501 with all lead, lifts, loading & unloading charges, cost and conveyance of all materials, labour, equipments etc., complete. as per the directions of the Engineer-in-charge of the work. Page No. 138/ Item No. 20.29/ PWD SR 2021-22 (Vol-III).** | | | | | | | | |
| | **For CC road** | | 1 | 33.80 | 3.40 | 0.15 | 17.24 | | |

| Job no:-009-23-000013 | | | | | | Est .Cost Rs. | 75.00 | Lakhs |
|---|---|---|---|---|---|---|---|---|
| Sl No | Description of Items | Unit | No | L (M) | B (M) | D (M) | Qty | Rate | Amount |
| | | | 1 | 30.00 | 5.30 | 0.15 | 23.85 | | |
| | | | | | | | 41.09 | 7895.98 | 324430.00 |
| | Basic Rate | 6837.00 | | | | | | | |
| | Area Weightage @ 10% | 683.70 | | | | | | | |
| | Total | 7520.70 | | | | | | | |
| | ADD TP 4.99% Above | 375.28 | | | | | | | |
| | | 7895.98 | | | | | | | |
| | | | | | | | | Total | 6671274.03 |
| | | | | | | | | Add 18% GST | 1200829.33 |
| | | | | | | | | Grand Total | 7872103.35 |

Assistant Engineer
Ward No:09
BBMP

Asst Executive Engineer
Kodigehalli Sub-Division
BBMP

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Executive Engineer
Byatarayanapura Division
BBMP, Bangalore-92

Technical Sanction
Accorded For Rs. 7872103.35
Head of A/C P8726
CER NO : 81 Dt. 14/03/23

TA